

Chronicle.

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Introducción

Investigating characters who influenced this whole field that has revolutionized humanity through technology and relating it to one of my passions such as civil and military aviation, I found information about a development language, which I have tried but had never investigated. The **ADA programming language**.

Ada Lovelace: The First Female Programmer

Lovelace's most important contribution came when she translated an article about Babbage's machine from French into English. However, she did much more than translate: she added her own notes, which are now recognised as the first computer algorithm designed to be run by a machine. This makes Ada Lovelace not only a key figure in early computing, but also the first programmer in history.

Ada was able to foresee that computers could be used for more than just doing numerical calculations. She imagined a future where machines could process text, compose music and manage any kind of information. This vision was revolutionary, as it highlighted the potential for computers to revolutionize several fields.

She is a symbol of the inclusion of women in STEM (science, technology, engineering and mathematics), and her contributions are recognised each year on Ada Lovelace Day, celebrated on 13 October. In addition, the Ada programming language, used in critical systems such as aviation and military projects, was named in her honor.

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